

February 19, 2009

**ADDENDUM NO. 1
FOR THE CONSTRUCTION OF THE
WATSON PARK REMEDIATION AND PH I IMPROVEMENTS**

Notice is hereby given that the following revisions, additions, and/or deletions are hereby made a part of and incorporated into the plans and specifications for the Watson Park Remediation and Phase I Improvements Project.

PROJECT PLANS

1. **ADD** Sheets C-TP-1, 2 and 3; titled Existing Topographic Survey per attached plans.
2. **Sheet C-DM-1: Demolition Plan**
REPLACE C-DM-1 sheet with revised C-DM-1 sheet, drawing date 2/17/09, per attached plan.
3. **Sheet C-XS-1: Cross-Sections**
DELETE note "6" Imported Top Soil" on Section F-F and **REPLACE** with "The top 6" of finish grade shall consist of topsoil existing on site outside the Burn Ash Footprint. Only topsoil outside the Burn Ash Footprint area may be used for topsoil material. Topsoil shall be approved by the Engineer for suitability prior to spreading. Should there be insufficient amount of approved topsoil on site, the Contractor shall import topsoil, in accordance with Section 20 of the City of San Jose, Standard Specifications dated July 1992, as necessary to meet finish grade.
CHANGE notes on Section L-L **FROM** "1-1/2" RAC, 2" DGAC, 10-3/4" CLASS II A.B" **TO** "4-1/2" DGAC, 10-3/4" CLASS II A.B."
4. **Sheet C-XS-2: Cross-Sections**
CHANGE note on Section G-G **FROM** "4" DGAC, 6" CL II AB" **TO** "4" DG"
CHANGE note on Section I-I **FROM** "1-1/2" RAC, 2" DGAC, 10-3/4" CLASS II A.B" **TO** "4-1/2" DGAC, 10-3/4" CLASS II A.B."
5. **Sheet C-DT-1: Details**
CHANGE notes on Typical Bioswale Section at Catch Basin Location and Typical Bioswale Section **FROM** "6" layer of imported top soil as follows: 75% sandy loam, 20% composted organic matter, 5% max clay" **TO** "6" layer of imported top soil as follows: 75% sandy loam, 20% composted organic matter, 2.5% max clay."
6. **Sheet L-DT-1: Construction Details**
CHANGE AC Paving detail L/L-DT-1 per attached detail.

7. **Sheet L-IP-1, 2, 3 & 4: Irrigation Plan**
CHANGE all 2 1/2" size remote control valves **TO** 2" size remote control valves.
8. **Sheet L-ID-2: Irrigation Details**
ADD Control Wire Junction Box detail per attached detail.
9. **Sheet L-PP-1: Planting Plan**
DELETE Planting Plan Note No. 8 and **REPLACE** with "after planting is complete, furnish and spread mulch to 3" depth over all areas within the limit of work except for all paved areas including areas planted with turf, no-mow turf, and hydroseed meadow. Mitigation planting areas shall be free of mulch with the exception of the planting basins as shown on the mitigation planting details. Quantity of fir bark shall be the contractor's responsibility. Submit sample prior to delivery to the project site."

PROJECT SPECIFICATIONS

1. **Section 02740 Asphalt Concrete-Street & Parking Lot Improvements**
DELETE Asphalt Concrete-Street & Parking Lot Improvements and **REPLACE** with new Asphalt Concrete-Street & Parking Lot Improvements per attached specification.
2. **Section 02800 Site Improvements and Furnishings**
DELETE Section 2.11.A and **REPLACE** with "Shall be Terra-Form Model D (TF1050), with Hooded Top and Hex Key Lock, as manufactured by Wausau Tile, Inc., Concrete Side Opening Trashcan Model 508 by Outdoor Creations (530) 337-6774 or approved equal and shall be installed in accordance with the details as shown on the plans. Installation of trash receptacles shall include P.C.C. pad. Color shall be standard color and approved prior to ordering."
ADD Section 2.21 Parking Lot Striping and Pavement Markings. Parking lot striping and pavement markings shall be installed in accordance with the details as shown on the plans and Section 84 Pavement Markings, City of San Jose, Standard Specifications dated July 1992.
3. **Section 02810 Irrigation System**
ADD to Section 2.02.Q, Item 6 "Control Wires shall be installed in conduit from remote control valves to irrigation controller per the plans and details."
DELETE Section 3.01.G.1 and **Replace** with "Where irrigation mains or laterals are to be installed under paving, a Class 315 PVC sleeve shall be installed. The inside diameter of the sleeve shall be a minimum of 2 inches larger than the outside diameter of the main, lateral, or sleeve, whichever is greater."
CHANGE Section 3.01.G.4 to "Remote control wiring conduit shall be installed in separate sleeve under paving."
DELETE Item 2.03.36 Soil Moisture Sensor.

To: All Plan Holders for the Watson Park Remediation and Ph I Improvements Project

Subject: ADDENDUM NO. 1

February 19, 2009

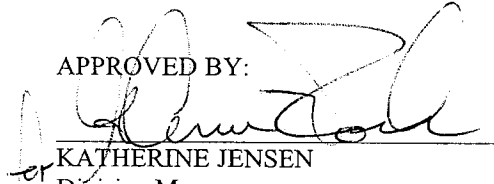
Page 3

INSTRUCTIONS

The bidder must sign this addendum in the space provided below and return one signed copy with the bid.

Failure to return the signed copy with bid documents shall not relieve the bidder of the obligation to include this addendum to the bid proposal.

APPROVED BY:



KATHERINE JENSEN

Division Manager

City Facilities Architectural Services Division

Department of Public Works

Bidder's Name _____

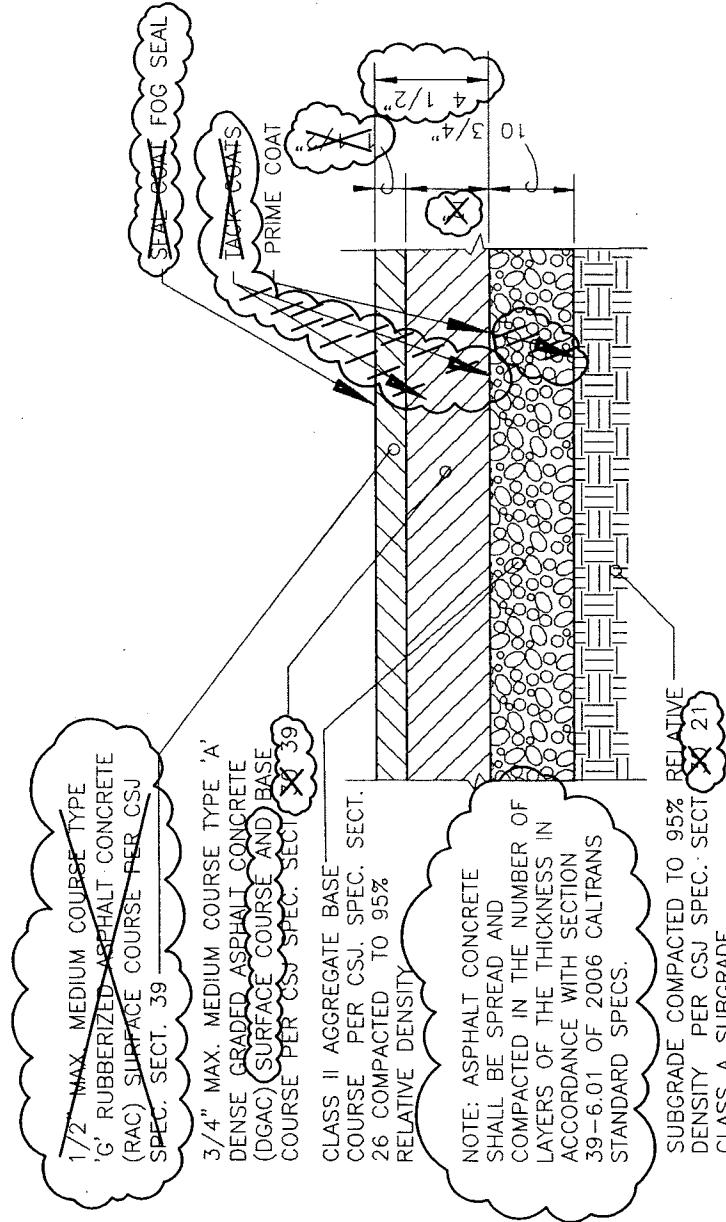
Signature and Title of Bidder

Date

Attachment

KJ:lr:jb

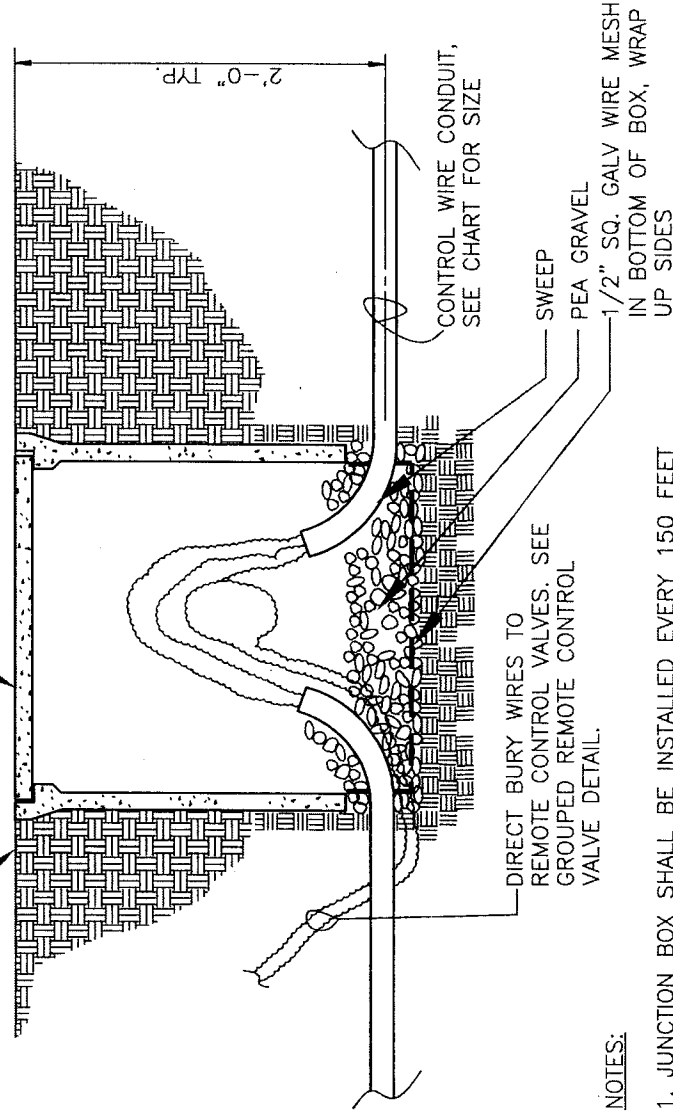
Watson Park Rem & Ph I Impv_addendum1



L AC PAVING
L-DT-1 NOT TO SCALE

CHRISTY N9 CONCRETE VALVE BOX WITH
LOCKABLE N9-61J METAL CHECKER PLATE
COVER WITH N99HDB PENTAHEAD HOLD
DOWN BOLTS, OR APPROVED EQUAL. TOP
OF LID SHALL BE PERMANENTLY MARKED
"RCV" AND "RECYCLED WATER".

FINISH GRADE



NOTES:

1. JUNCTION BOX SHALL BE INSTALLED EVERY 150 FEET
MAXIMUM AND/OR AT EVERY VALVE GROUPING OF TWO
OR MORE VALVES.
2. LOOP ALL CONTROL WIRES UP INTO BOX A MINIMUM OF
3 FEET, INCLUDING 5 EXTRA WIRES.

J
2 CONTROL WIRE JUNCTION BOX DETAIL

NOT TO SCALE

SECTION 02740

ASPHALT CONCRETE – STREET & PARKING LOT IMPROVEMENTS

PART 1 GENERAL

1.01 CONDITIONS AND REQUIREMENTS

- A. The Drawings and the General Provisions of the Contract including the General Conditions, Supplementary Conditions and Division I General Requirements apply to work of this section as fully as if repeated herein.
- B. All work performed under this Section shall be performed as specified in:
 - 1. Section 39-3.03, "Proportioning," of the 2006 Caltrans Standard Specifications.
 - 2. City of San Jose, Department of Public Works, Standard Specifications, July 1992 edition;
 - 3. City of San Jose, Department of Public Works, Standard Details, July 1992 edition; and
 - 4. Pertinent codes and regulations with the following two revisions to the General Requirements for Pavement Designs:
- C. Other Requirements
 - 1. Section 39-2.02 of the Standard Specifications, in the chart located at the bottom of page 39-3, **delete** the 2-5 percent voids for both Type A and Type B Asphalt Concrete; and
 - 2. **Insert** 3-6 percent voids for both Type A and Type B Asphalt Concrete. At the end of Section 39-2.02 insert the following sentence: "The air void content shall be determined in accordance with ASTM D3203 except that the bulk specific gravity of the compacted mixture shall be determined per Cal Test 308 on specimens fabricated in accordance with Cal Test 304 Part II."
 - 3. **Delete** the first sentence in the second paragraph of Section 39-6.03 of the Standard Specifications and **insert** the following: "To establish compliance with these specifications, final compaction of the paving shall be tested by nuclear gage using test method ASTM D2950. The laboratory maximum specific gravity shall be determined per CAL 308 on laboratory compacted specimens fabricated in accordance with Cal Test Part II. Final compaction of the paving may also be tested by the random selection of cores in accordance with ASTM D979 and ASTM D3665 and testing the cores in accordance with Cal Test 308. The test results from the coring shall take precedence when determining if the paved areas meet the required relative compaction."

1.02 SUMMARY

- A. The work to be done under this section shall consist of furnishing all labor, materials, and equipment and performing all work necessary to install A.C. paving improvements as indicated on the Plans and these Specifications including, but not necessarily limited to:
 - 1. Aggregate base course
 - 2. Asphalt concrete surface course and base course
 - 3. All prime, tack, and seal coats
 - 4. Related work described as per applicable section of these Specifications:

1.03 QUALITY ASSURANCE:

- A. Qualifications of Work People:

1. Provide at least one person who shall be thoroughly trained and experienced in the skills required, who shall be completely familiar with the design and application of the Work described for this Section, and who shall be present at all times during progress of the Work of this Section and shall direct all work performed under this Section.
2. For actual finishing of asphaltic concrete surfaces and operation of the required equipment, use only personnel thoroughly trained and experienced in the skills required.

1.04 DEFINITIONS:

- A. Asphalt Surface Course: The top layer or lift of asphalt concrete pavement.
- B. Asphalt Base Course: The lift or lifts of asphalt concrete pavement constructed on the aggregate base course or prepared subgrade and upon which the asphalt surface course is constructed. It shall not be the top lift of an asphalt pavement.
- C. Aggregate Base Course: The layer of aggregate base constructed on a prepared subgrade and upon which asphalt concrete is constructed.
- D. Subgrade: The prepared soil upon which the pavement-section as shown on the Drawings is constructed. It is the foundation for the pavement structure.

1.05 SUBMITTALS:

- A. Within 35 days after award of contract, but before any asphalt pavement is installed, the Contractor shall submit to the Engineer for his approval, in accordance with Section "Submittals and Shop Drawings", of these Specifications, the proposed mix design for each type of asphalt concrete specified. The mix design shall include mix number, gradation and source of aggregate, percentage and type of asphalt binder used, bin quantities, and supplier.

1.06 PRODUCT HANDLING:

- A. Use all means necessary to protect asphalt concrete pavement materials before, during, and after installation and to protect the installed work and materials of all other trades.
- B. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Engineer and at no additional cost to the Owner.
- C. To implement dust control, use all means necessary to prevent the spread of dust during performance of the Work of this Section. Thoroughly moisten all surfaces as required to prevent dust being a nuisance to the public, neighbors, and concurrent performance of other work on the job site.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Aggregate Base: All aggregate base shall be Class 2 aggregate base as specified in Section 26, "Aggregate Bases", of the City Standard Specifications. Maximum size of aggregate shall be 3/4 inch maximum.
- B. Asphalt Base Course: All asphalt base course shall be Type "A" dense graded asphalt concrete (DGAC), 3/4 inch maximum size aggregate, medium course class asphalt concrete as specified in Section 39, "Asphalt Concrete", of the City Standard Specifications.

- C. Binder: All asphalt cement used in asphalt concrete shall be viscosity grade PG 64-10 as specified in Section 92, "Asphalts", of 2006 Caltrans Standard Specifications.
- D. Prime Coat: All prime coat shall be SS-1h asphaltic emulsion as specified in Section 94, "Asphaltic Emulsion", of the City Standard Specifications.
- E. Tack Coat: All tack coat shall be SS-1h asphaltic emulsion as specified in Section 94, "Asphaltic Emulsions", of the City Standard Specifications.
- F. Fog Seal: All fog seal shall be SS-1h asphaltic emulsion as specified in Section 37-3, "Fog Seal Coat", and Section 94, "Asphaltic Emulsions", of the City Standard Specifications.
- G. Subgrade: All subgrade shall be Class "A" as specified in Section 21, "Subgrade Preparation", of the City Standard Specifications.
- H. Other Materials: Furnish all other material required for a complete pavement installation.

PART 3 EXECUTION

3.01 GENERAL

- A. Inspection: Prior to all Work of this Section, carefully inspect the installed work of all other trades, and verify that all such work is complete to the point where this installation may properly commence.
- B. Verify that asphaltic concrete pavement may be installed in strict accordance with the original design, all pertinent codes and regulations, and all pertinent portions of the referenced standards.
- C. Discrepancies: In the event of discrepancy, immediately notify the Engineer. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.
- D. Notification: Notify the Engineer at least 48 hours before commencing with any phase of the work.

3.02 EQUIPMENT

- A. All equipment furnished for the hauling, spreading, compaction, and spraying of asphalt concrete mixes, asphalt coatings, and aggregate base courses shall be as specified in Section 26, "Aggregate Bases", and Section 39, "Asphalt Concrete", of the City Standard Specifications and shall be subject to the approval of the Engineer.

3.03 AGGREGATE BASE

- A. All subgrade to receive aggregate base shall have been completely tested and approved by the Engineer prior to the importation of aggregate base onto the site. See Section 21, "Subgrade Preparation", of the City Standard Specifications for subgrade preparation.
- B. Placement: Place the aggregate base course in accordance with Section 26, "Aggregate Bases", of the City Standard Specifications.
- C. Compaction: Compact the aggregate base course as specified in Section 10-3, "Earthwork", of these specifications and Section 26, "Aggregate Bases", of the City Standard Specifications. Compact to 95% minimum relative density.

- D. Surface Preparation: Roll the aggregate base course until entire surface is firm, dense, and free from rock pockets and mud pads; do not slurry the base course. Clean the surface of all loose and extraneous material.
- E. Water the base course after compaction.

3.04 PLACEMENT OF PRIME COAT

- A. All aggregate base or subgrade shall have been completely tested and approved by the Engineer prior to placement of any prime coat. Apply prime coat to the prepared aggregate base or subgrade in accordance with Section 93, "Liquid Asphalts", of the City Standard Specifications.
- B. Timing: In accordance with Section 93, "Liquid Asphalts", of the City Standard Specifications, apply the prime coat the day prior to placing asphaltic concrete surfacing.
- C. Coverage: Apply prime coat per CSJ Standard Specifications.

3.05 INSTALLATION OF ASPHALT PAVING

- A. Construct the asphalt base course(s) (as required) and the asphalt surface course as specified in Section 39, "Asphalt Concrete", of the City Standard Specifications, except as regards to compaction. The minimum acceptable relative compaction of all asphalt pavement shall be 98%, in accordance with California Test Method No. 308 or ASTM D2950.
- B. Tack coat, as specified below, shall be applied between all lifts of asphalt paving.
- C. The completed pavement surface shall be smooth, dense, and uniform in texture and appearance. The surface shall be free of ridges, indentations, embedded segregated aggregate, and cracking. The pavement shall be free draining and free of all "birdbaths."

3.06 TACK COAT

- A. Apply the specified asphaltic emulsion tack coat between lifts or course of asphalt paving in accordance with Section 94, "Asphaltic Emulsions", of the City Standard Specifications.
- B. Tack coats shall be applied at the rate of 0.1 gallons per square yard in accordance with Section 94, "Asphaltic Emulsions", of the City Standard Specifications.

3.07 FOG SEAL

- A. SS-1h asphaltic emulsion shall be applied at the rate of 0.2 gallons per square yard in accordance with Section 37-3, "Fog Seal Coat", and Section 94, "Asphaltic Emulsions", of the City Standard Specifications.

3.08 FINISH TOLERANCES:

- A. Finish all surfaces to the following tolerances:
 - 1. Aggregate Base Course: Plus 0.00 feet to minus 0.10 feet from line and grade shown on the Drawings.
 - 2. Asphaltic Paving: Plus or minus 0.05 feet at any point from line and grade shown on the Drawings.

3.08 REMEDIAL MEASURES

- A. Upon direction of the Engineer, cut out and/or rework all surfaces and subgrade areas which do not meet the requirements of this Section; perform all remedial measures at no additional cost to the Owner.

3.09 WEATHER CONDITIONS

- A. Do not work under weather conditions that will adversely affect the quality of paving.

PART 4 MEASUREMENT AND PAYMENT

4.01 PAYMENT

- A. A. See Section 02960 "Pay Items" for delineation of pay items.

END OF SECTION 02740